



SANY



SY215CL (18m)

Engine power

114kW/2050rpm

Bucket capacity

0.3m³

Operating weight

25000kg



High reliability



Good operability



Firm structure



Strong adaptability

- ◆ Core elements, such as universal power hydraulic and electric-control parts from standard excavators are used in order to ensure high performance and reliability of this Excavator.
- ◆ This Excavator is configured with specific control program in order to get adaptive to operation of super long boom, reduce the impacts from action, and improve controllability and comfort.
- ◆ Boom and bucket rod are optimized by internally installing strengthened isolation plate, in order to improve the rigidity and stability of working device.
- ◆ Prolonged chassis and widened track are used to reduce the ground pressure and realize easy construction on mud and loose surface.

Technical specifications

Specification		Main performance	
Operating weight	25000 kg	Max. travel speed	High 5.5 km/h Slow 3.3 km/h
Bucket capacity	0.3 m ³	Swing speed	11rpm
Engine	Euro II	Max. travel force	248 kN
Model	DO6S2	Max. grade ability	35°
Type	6cylinders、water-cooling、turbo charger	Ground pressure	44.4kpa
Engine power	114 kW/ 2050 rpm	Bucket digging force	92.7 kN
Maximum torque	590 Nm/ 1400 rpm	Arm crowd force	40 kN
Displacement	5860 ccm	Standard boom	10.3 m
Batteries	2X12V	Standard stick	7.7 m

*Standard emergency engine stop

Machine dimensions

Overall dimensions(mm)	SY215CL (18m)	Operation range (mm)	SY215CL(18m)
A. Overall length (transportation)	14770	A. Max. cutting height	13500
B. Overall width	3180	B. Max. unloading height	11730
C. Overall height (transportation)	3240	C. Max.digging depth	14000
D. Upper structure width (excluding walking platform)	2785	D. Max.digging reach	18250
E. Overall height (cab top)	3075	E. Min. swing radius	6940
F. Track shoe width	800	F. Maximum height at minimum slewing radius	11080
G. Track gauge	2380		
H. Min. ground clearance	470		
I. Tail swing radius	3398		
J. Track length on ground	3640		
k. Track length	4446		

